

FIG. 1

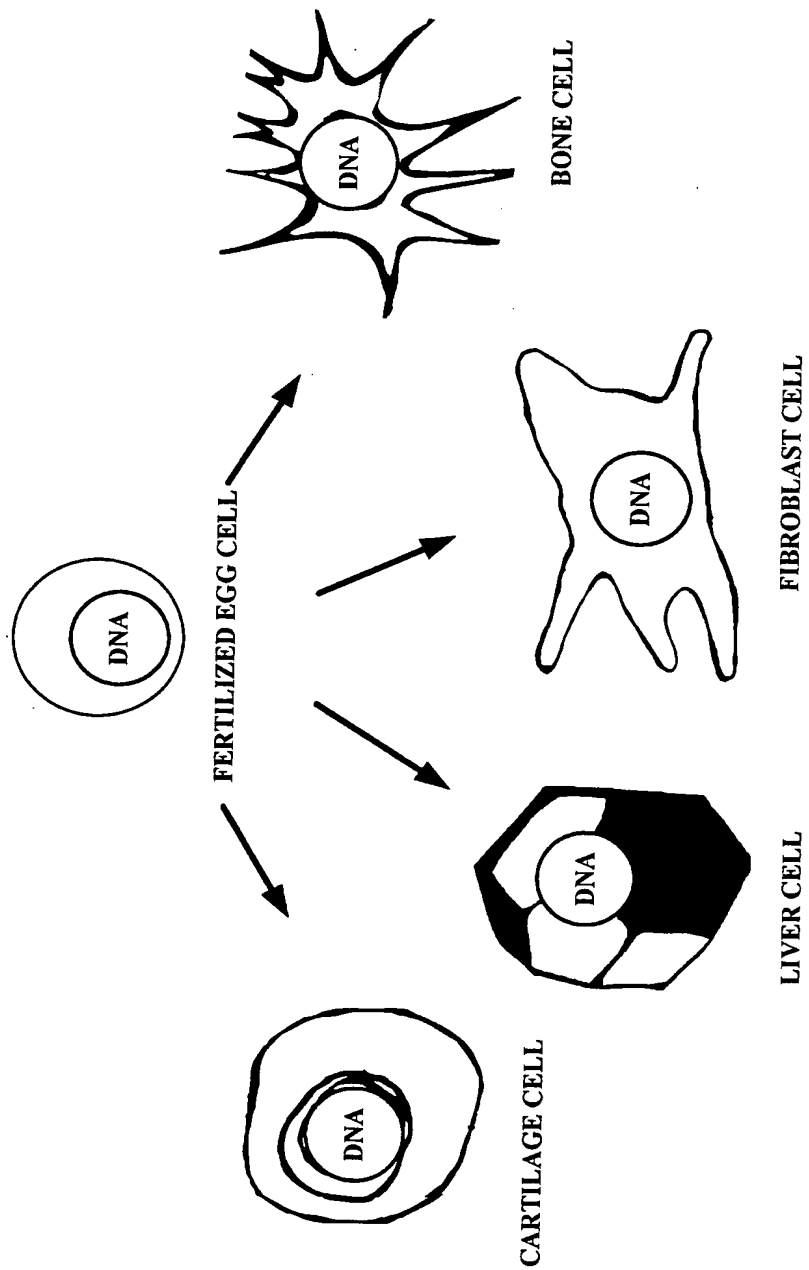


FIG. 2A

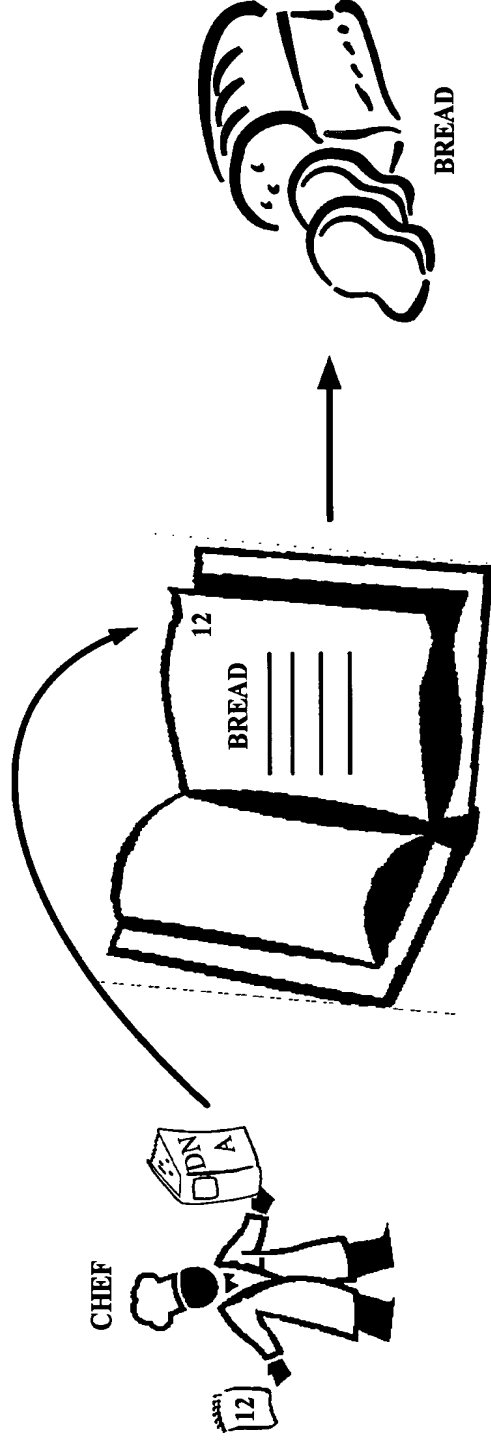


FIG. 2B

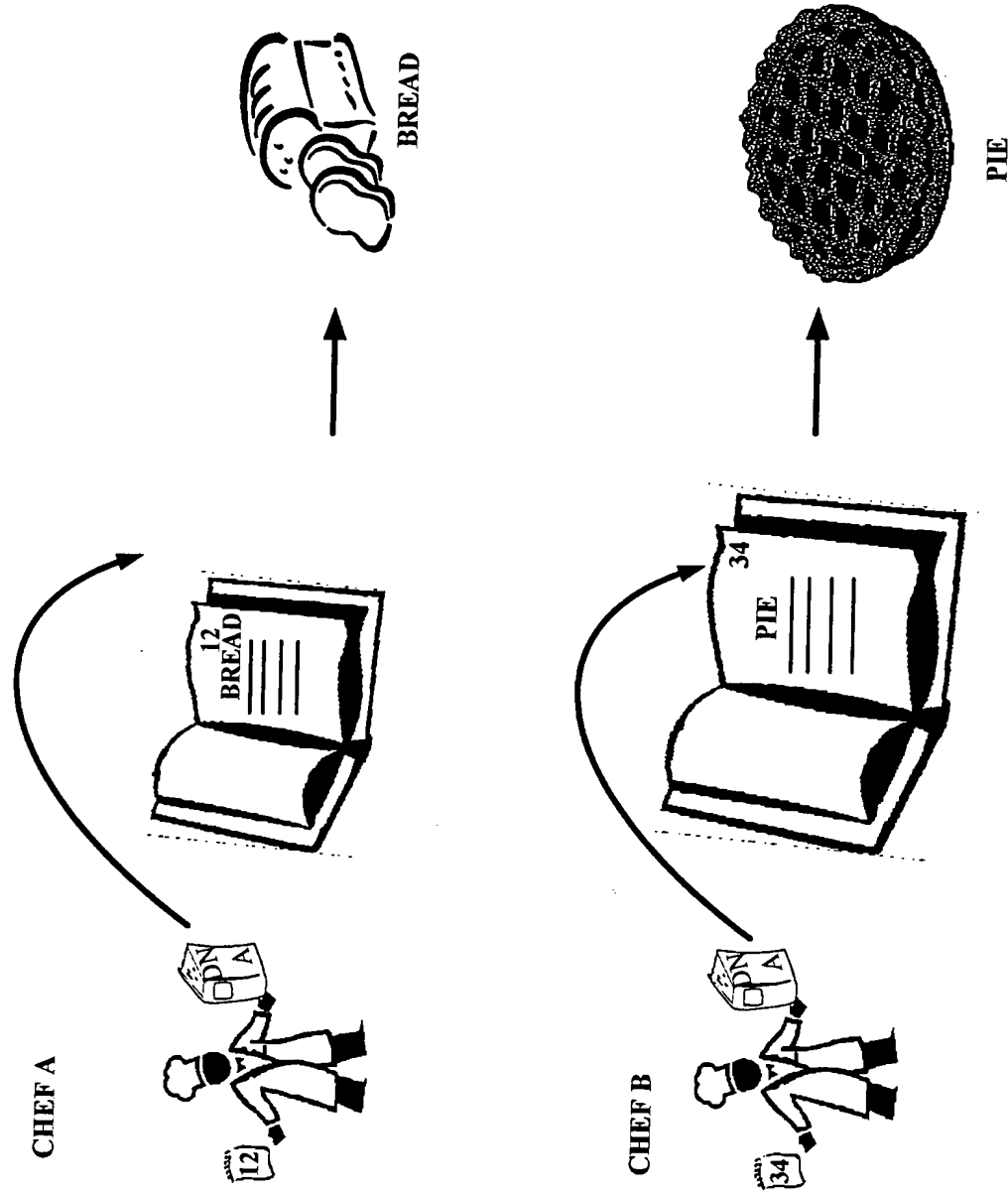


FIG. 3

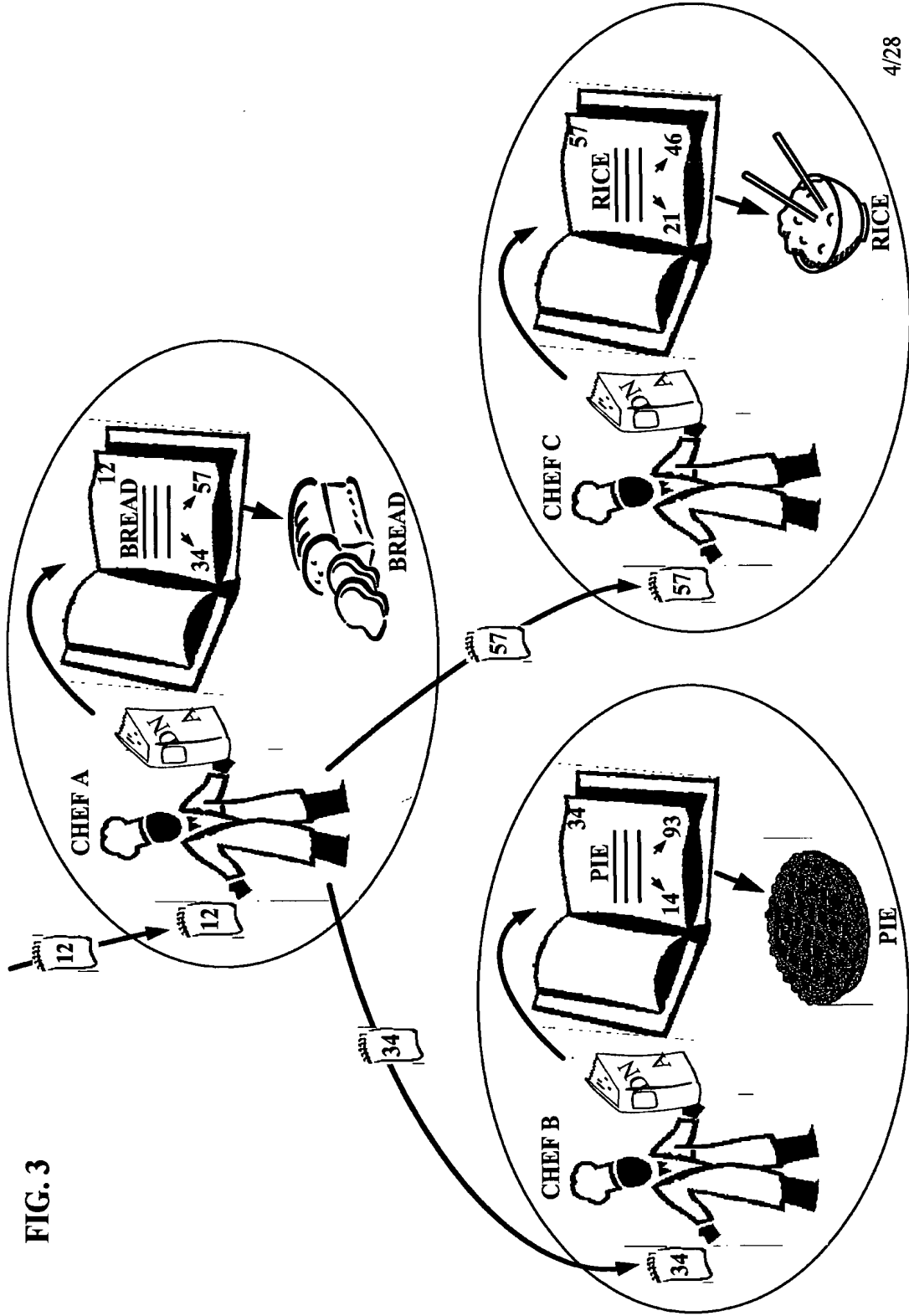


FIG. 4

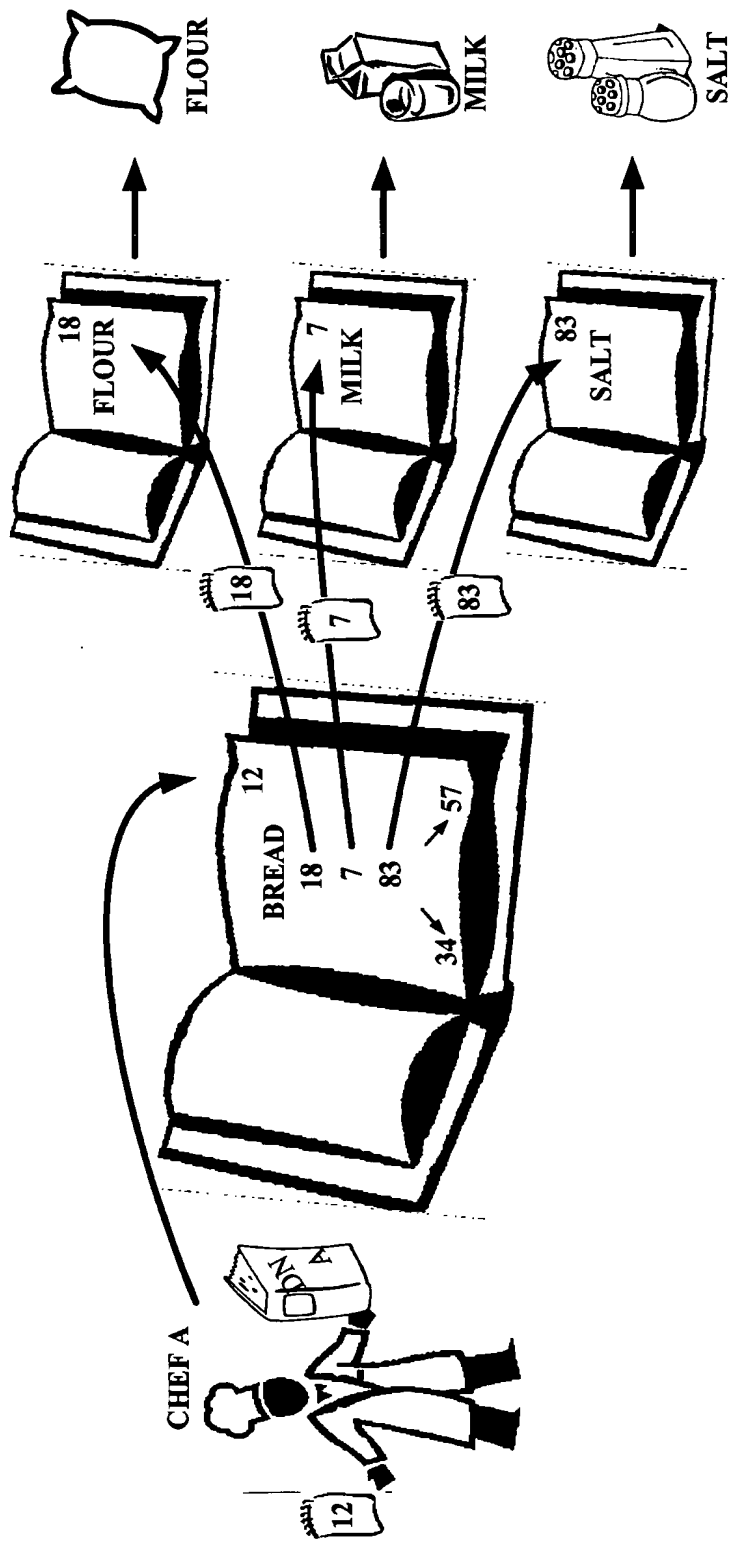
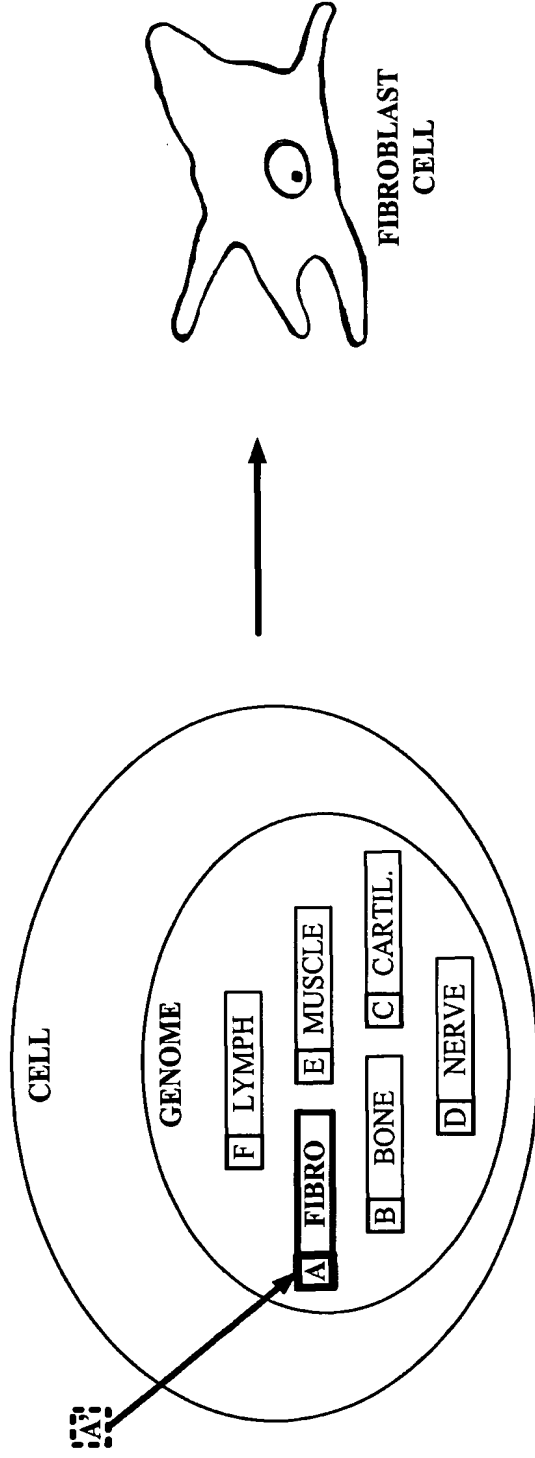
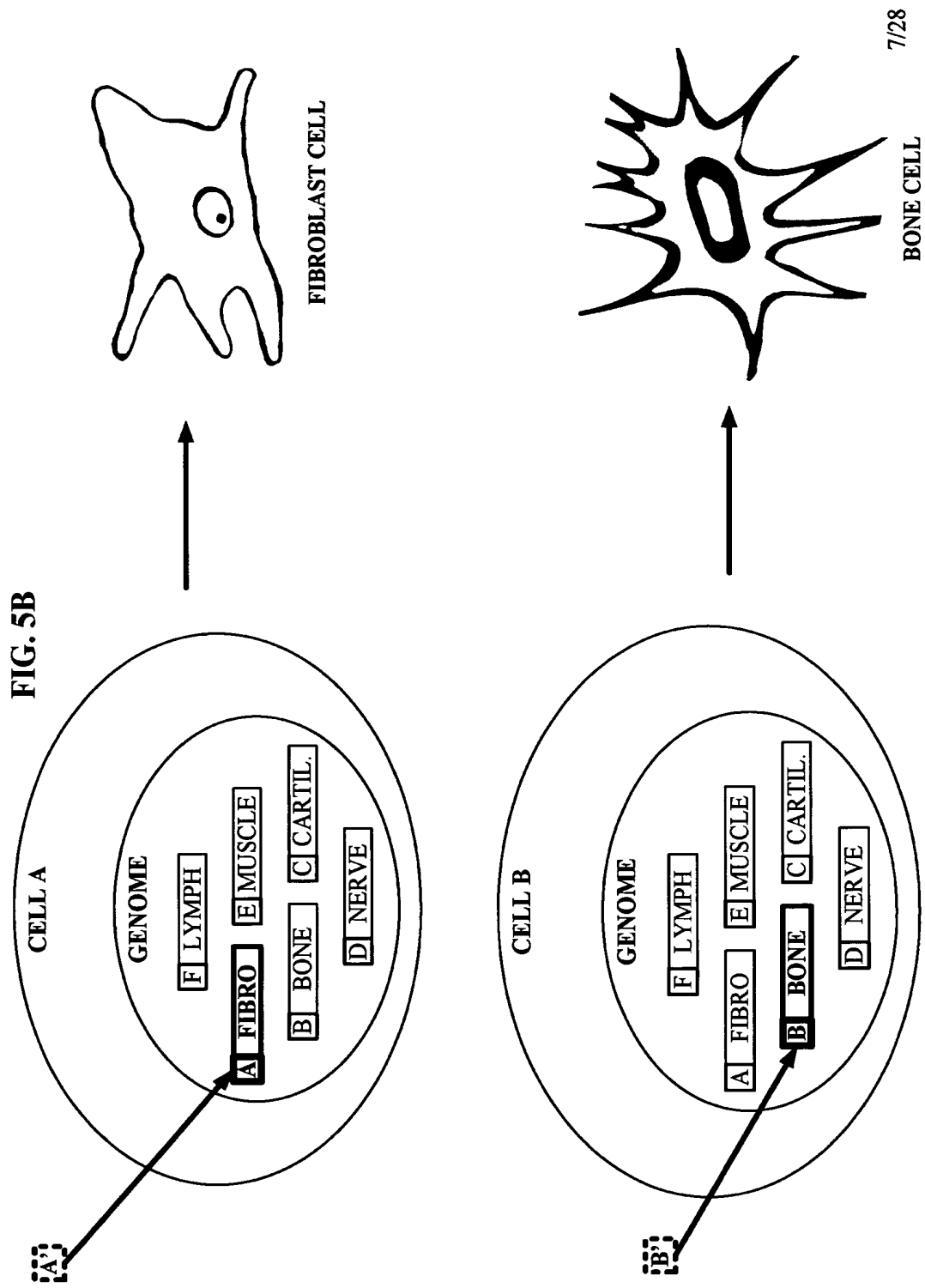


FIG. 5A





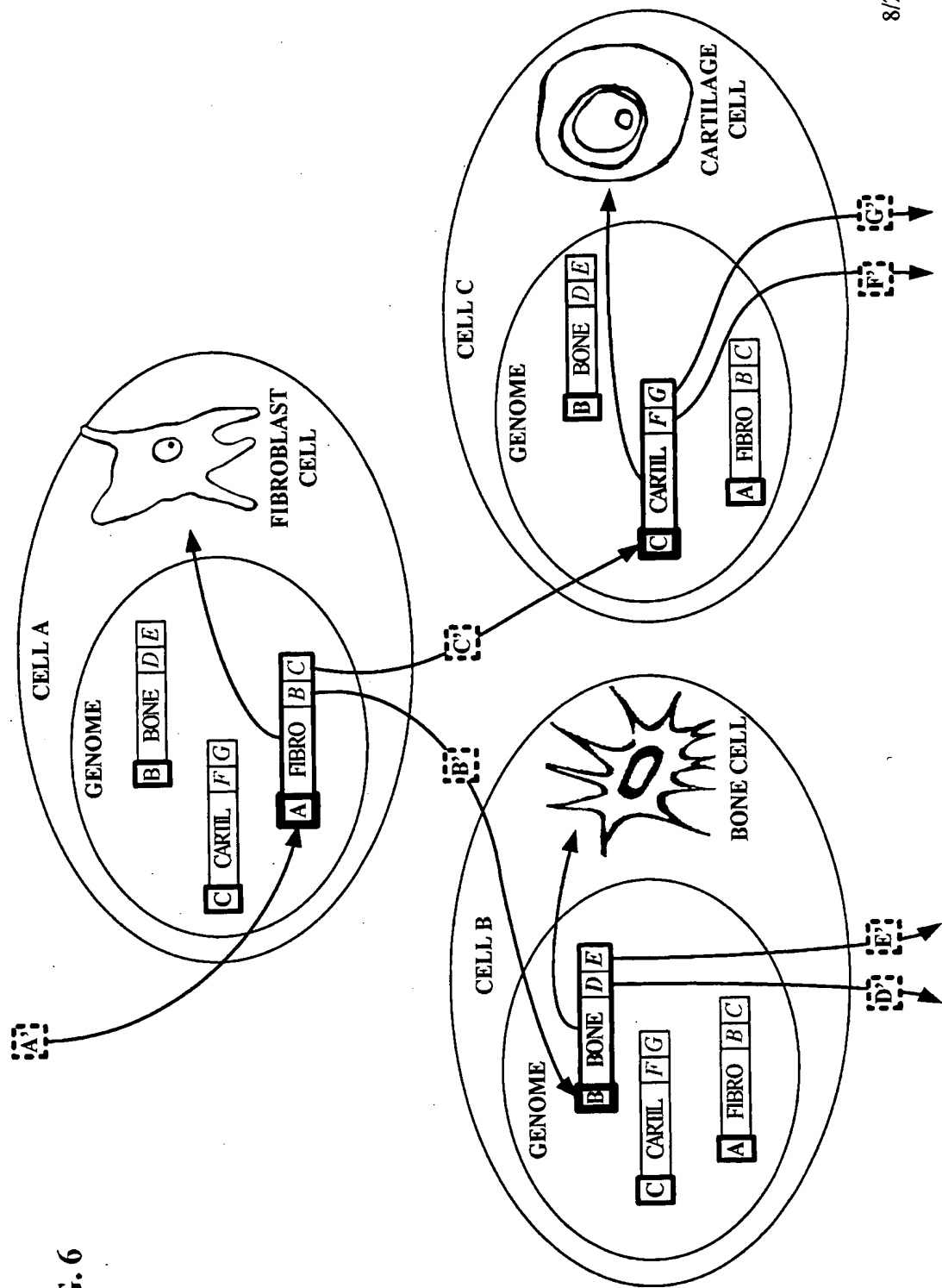


FIG. 6

FIG. 7

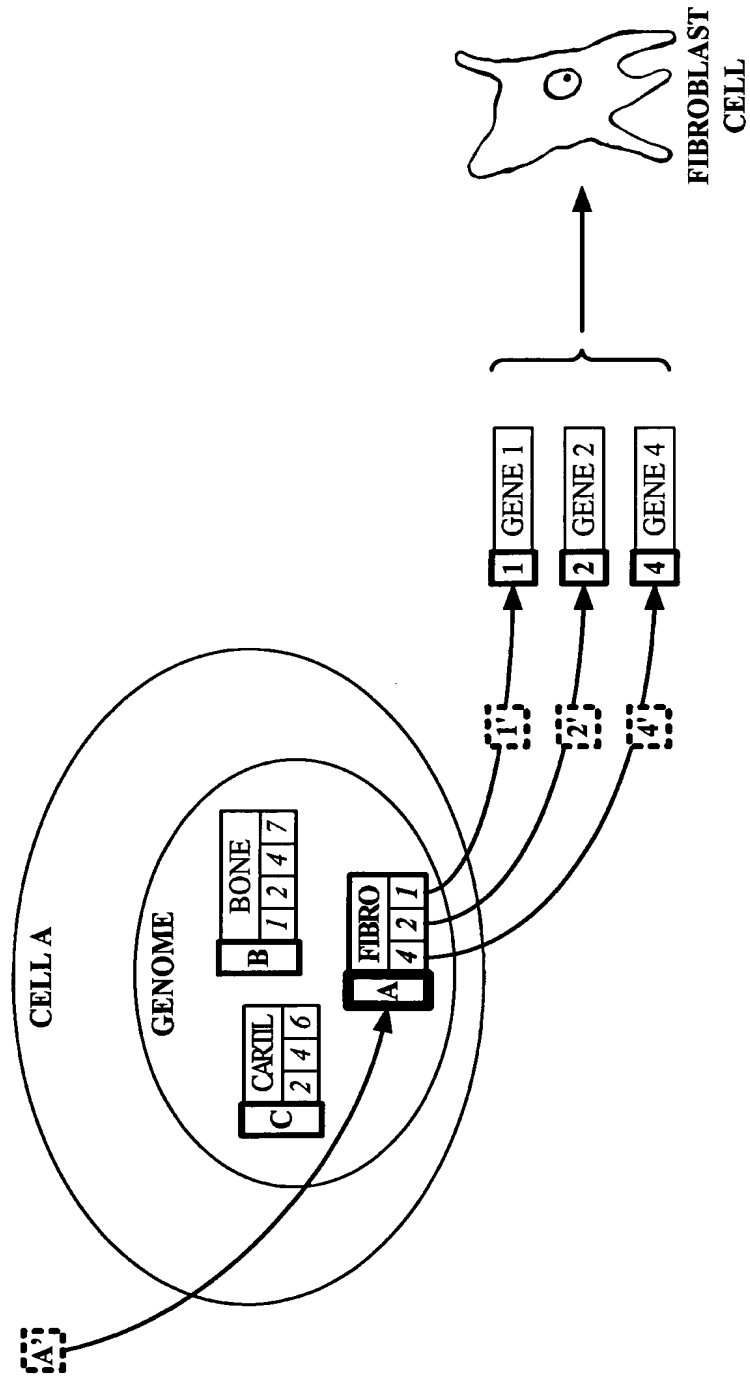


FIG. 8

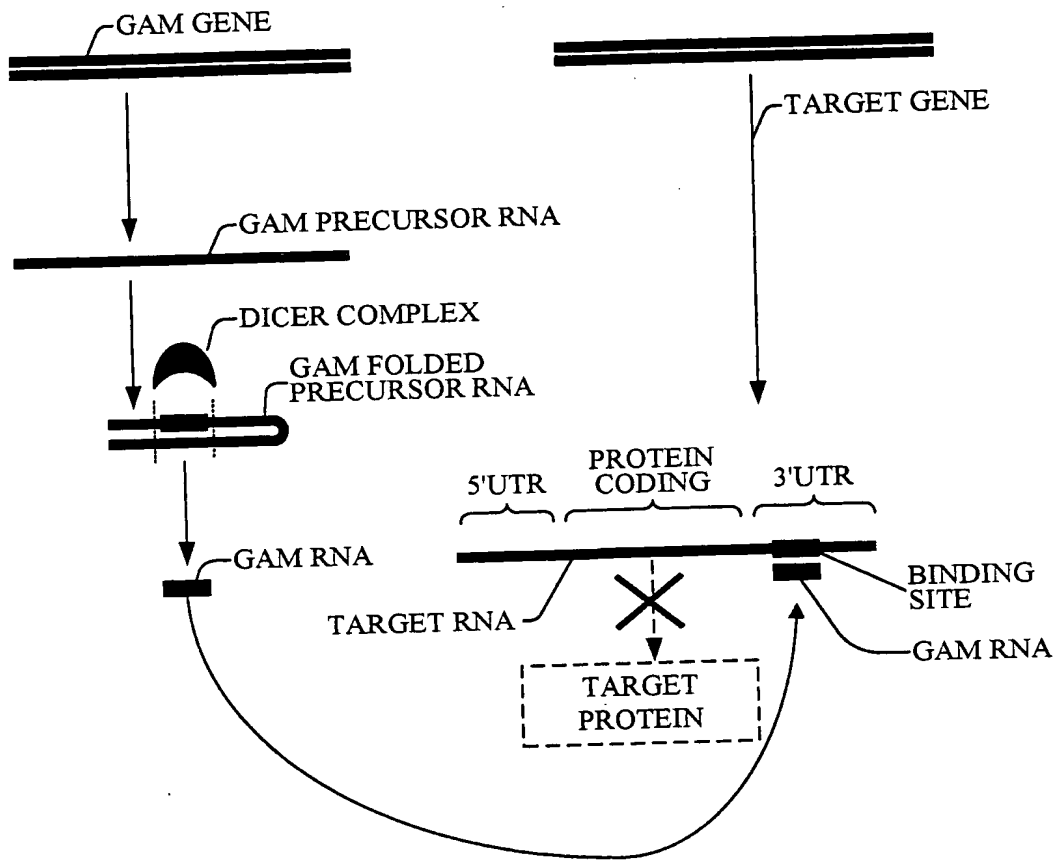


FIG. 9

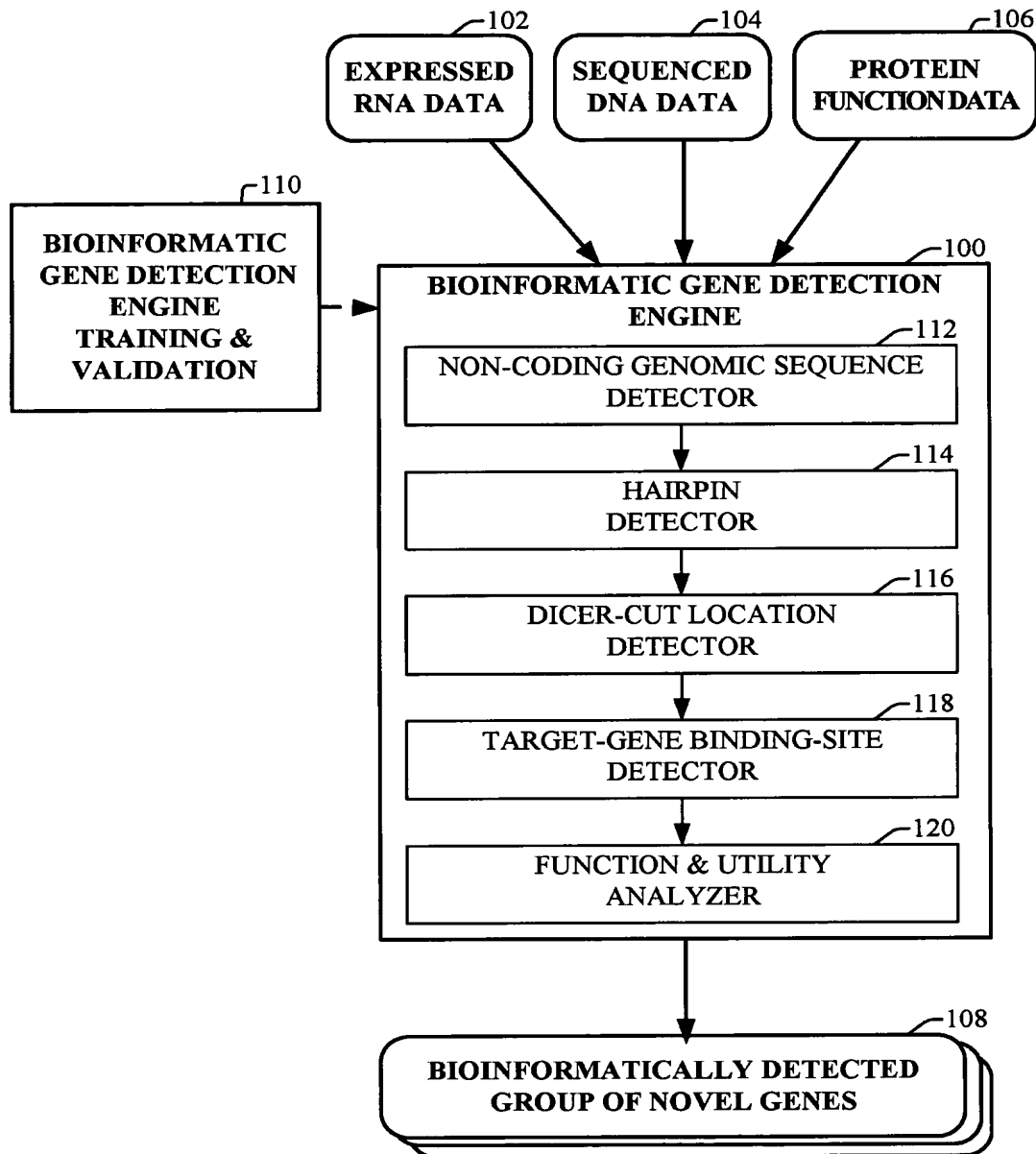


FIG. 10

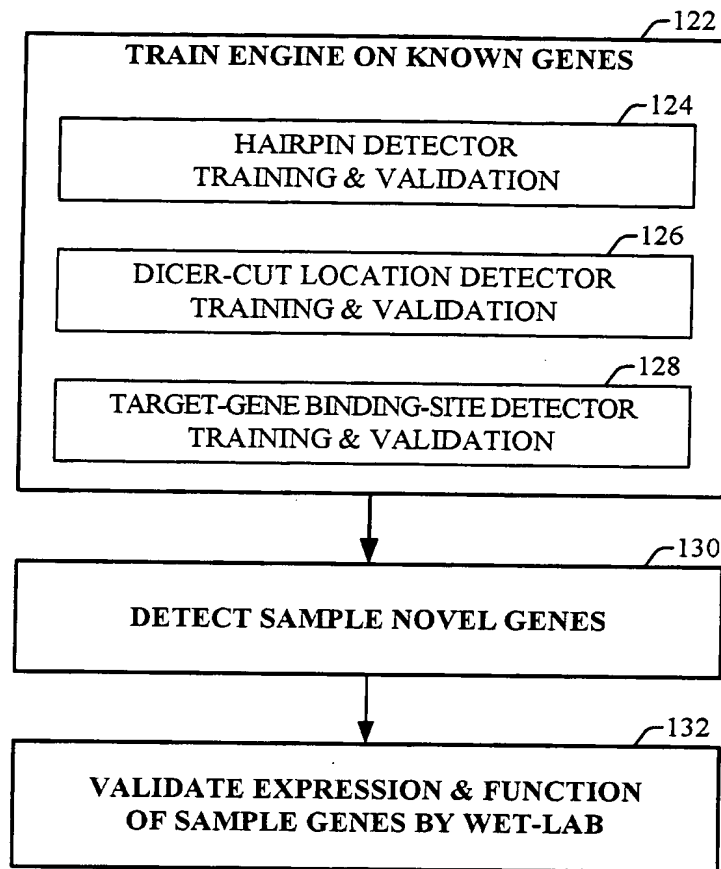


FIG. 11A

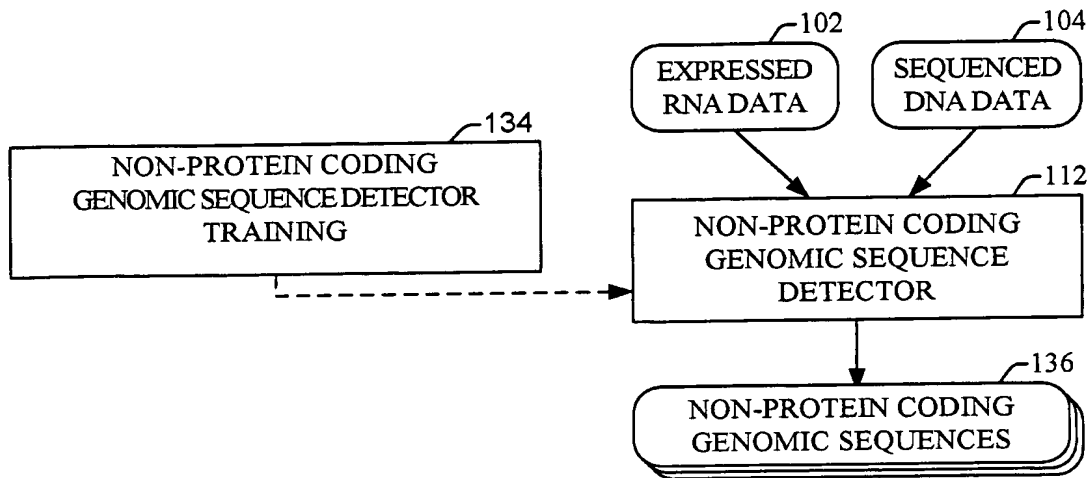


FIG. 11B

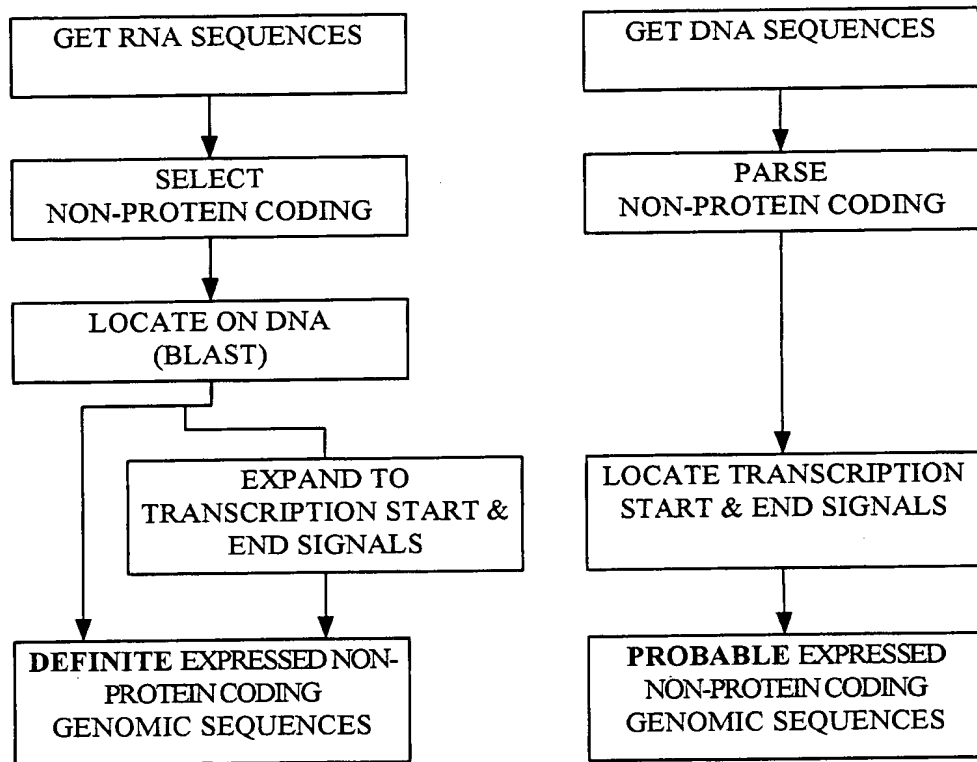


FIG. 12A

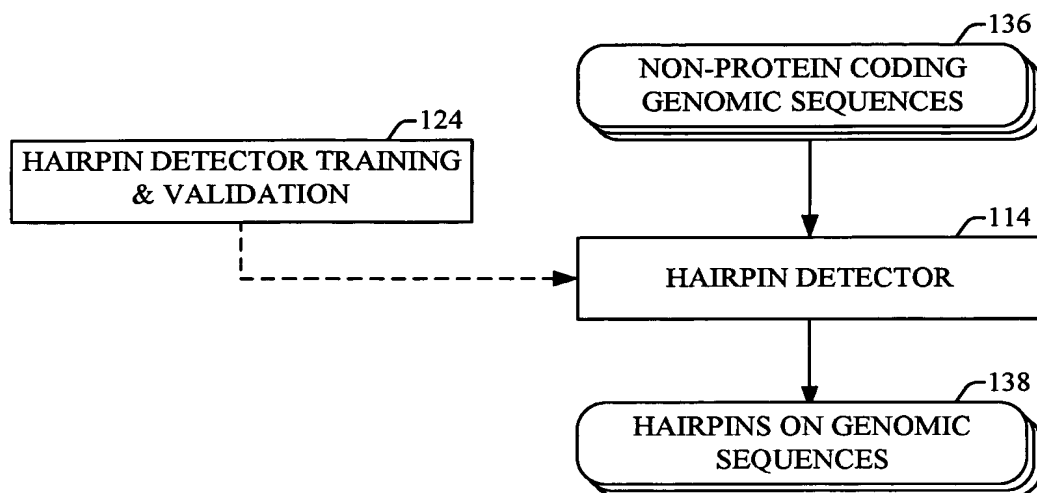


FIG. 12B

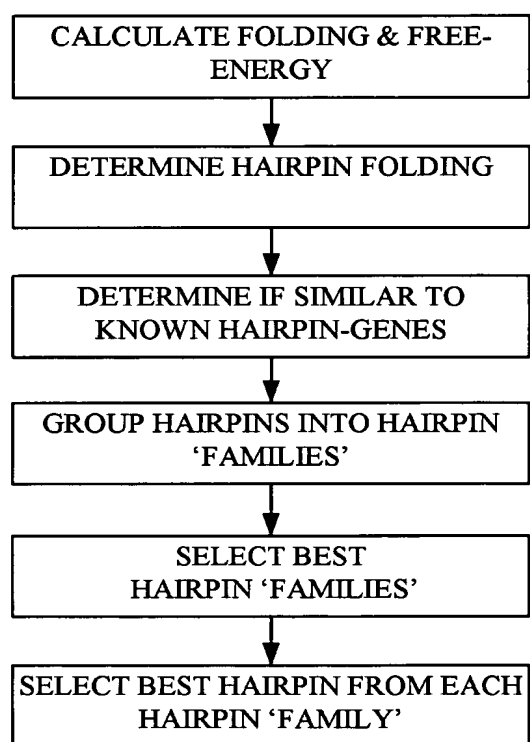


FIG. 13A

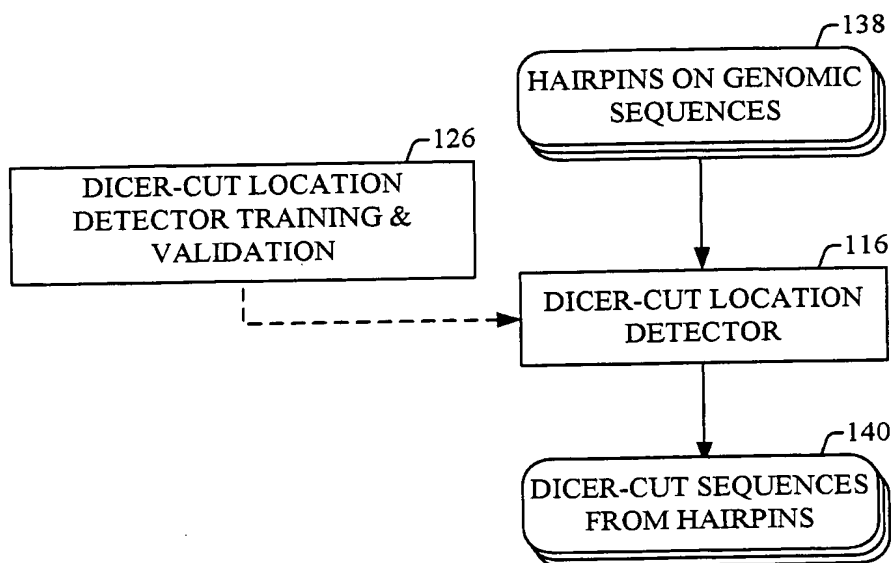


FIG. 13B

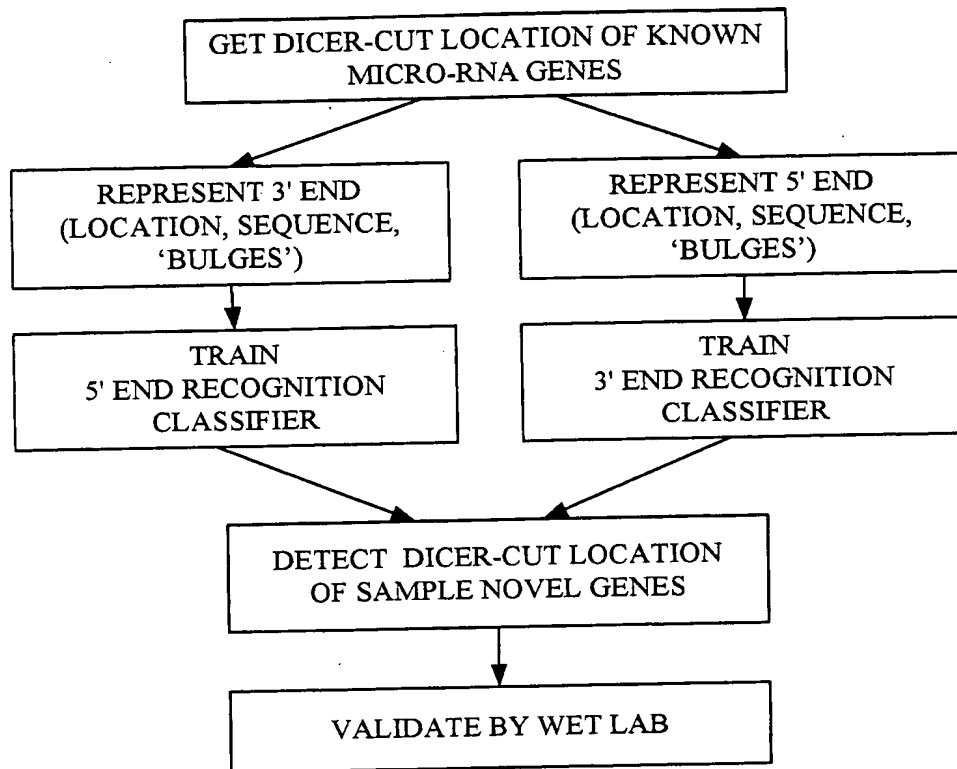


FIG. 13C

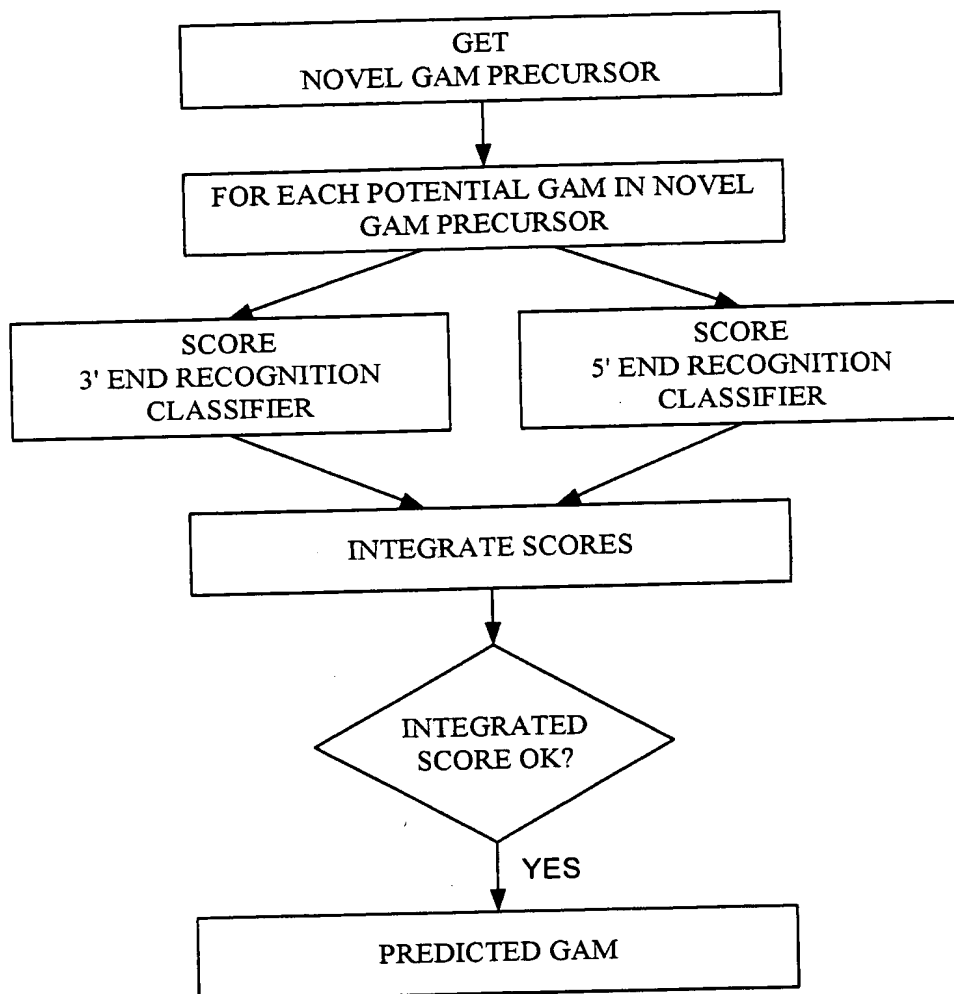


FIG. 14A

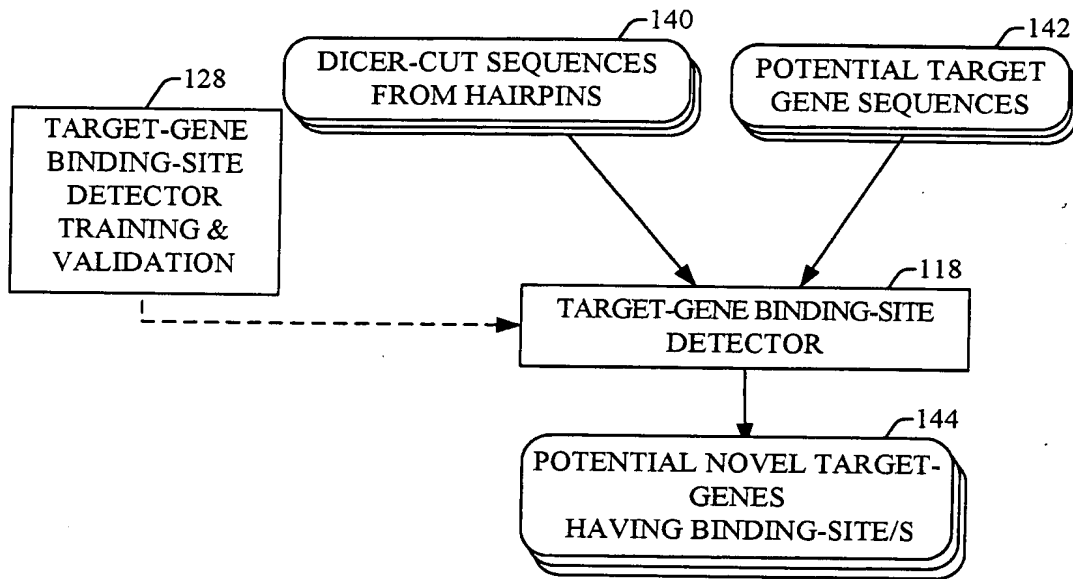


FIG. 14B

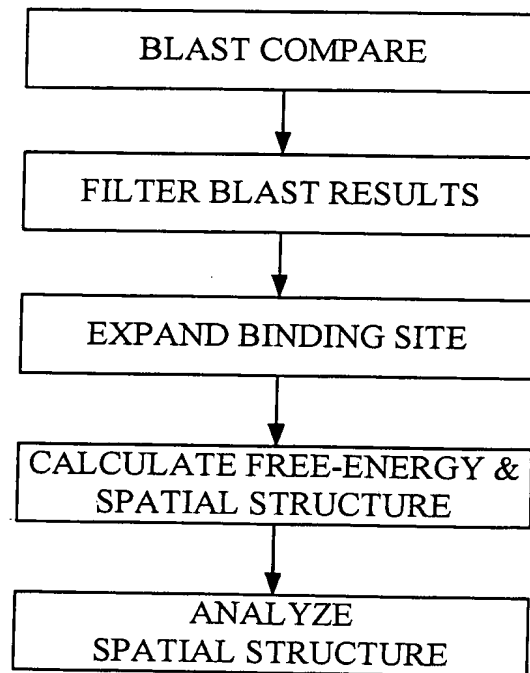


FIG. 15

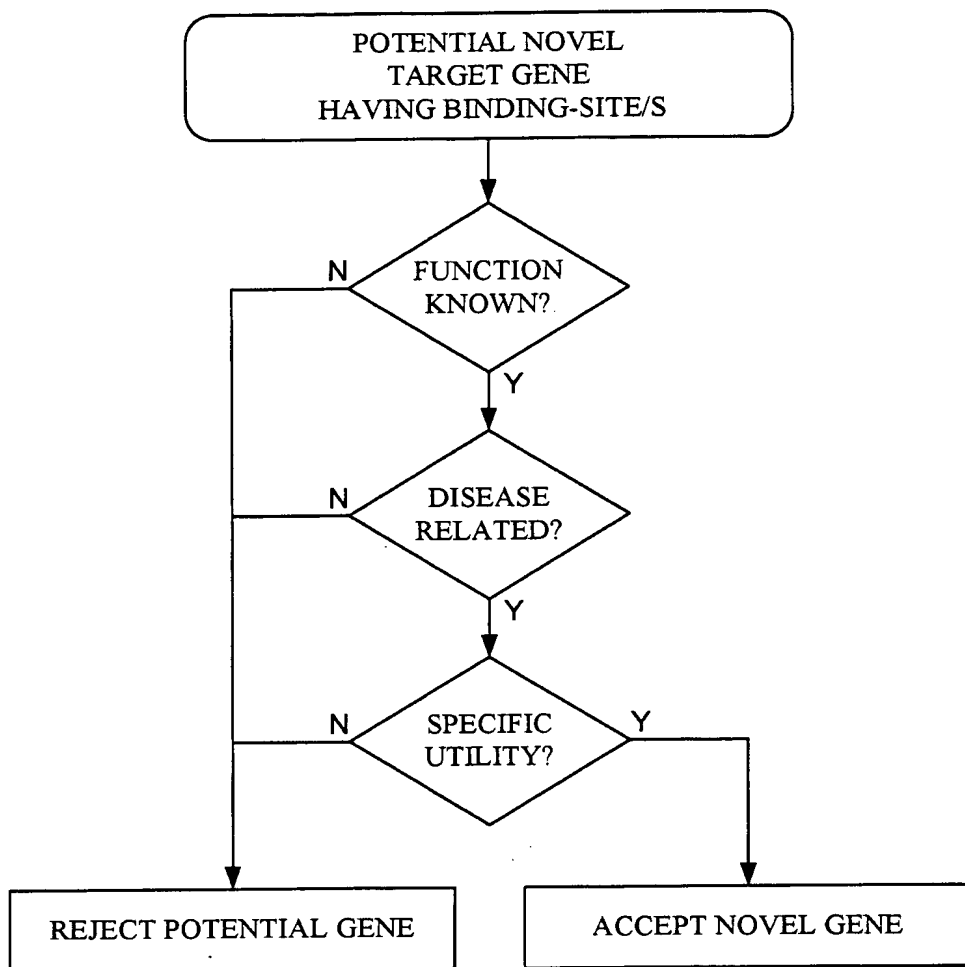


FIG. 16

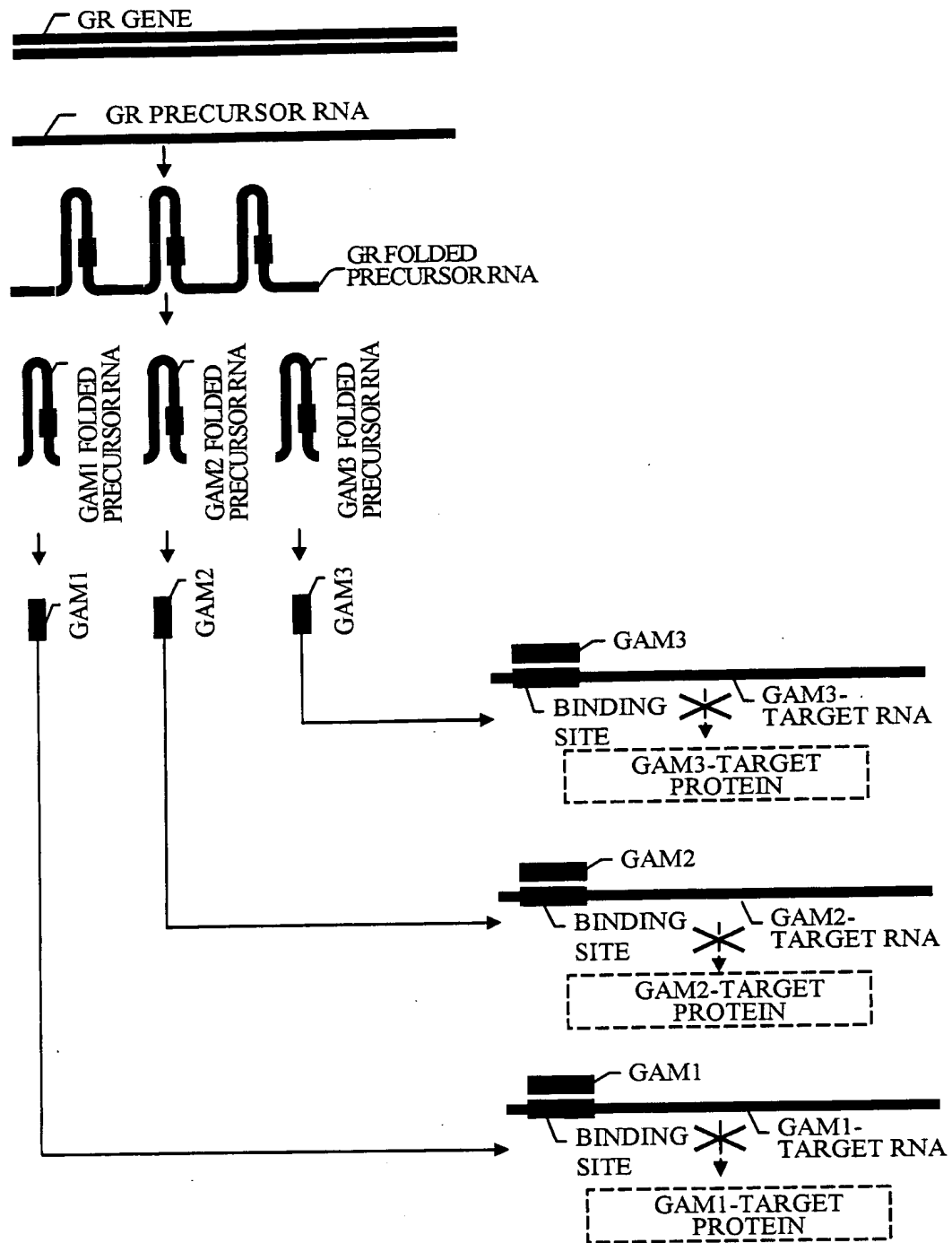


FIG. 17

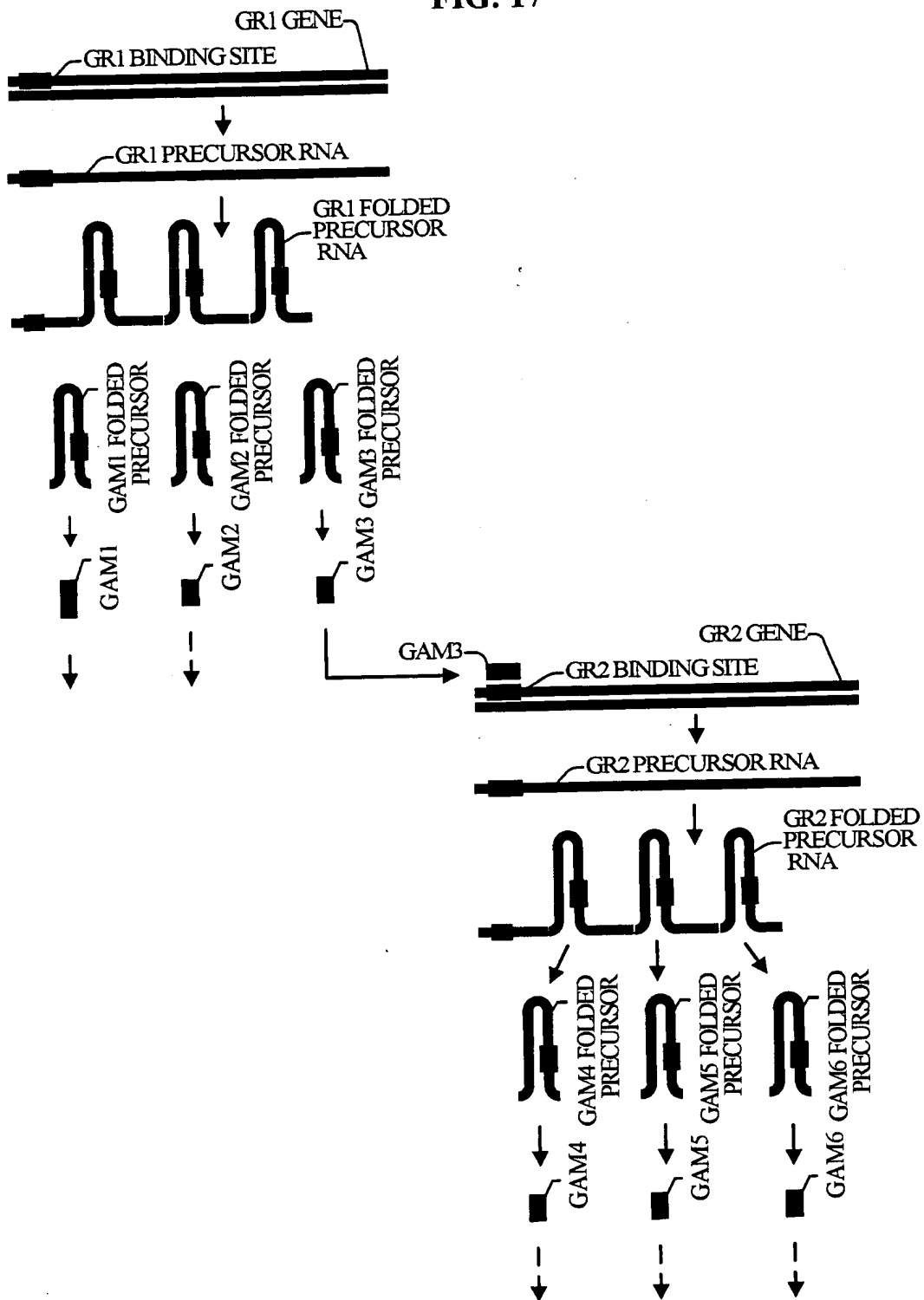


FIG. 18

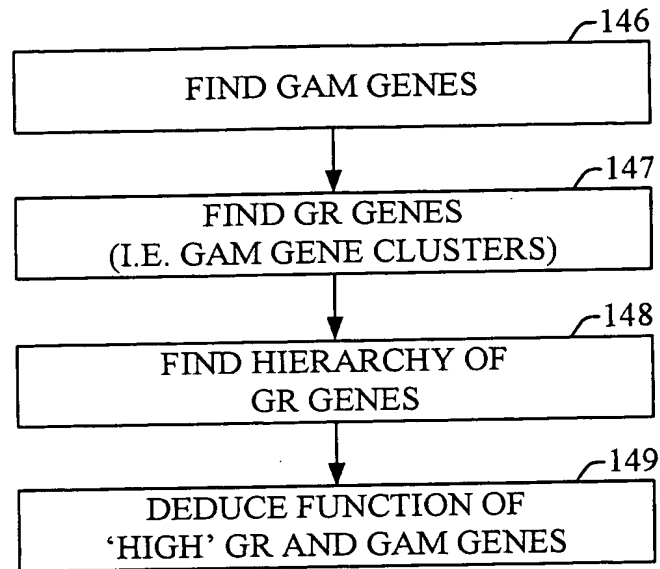


FIG. 19

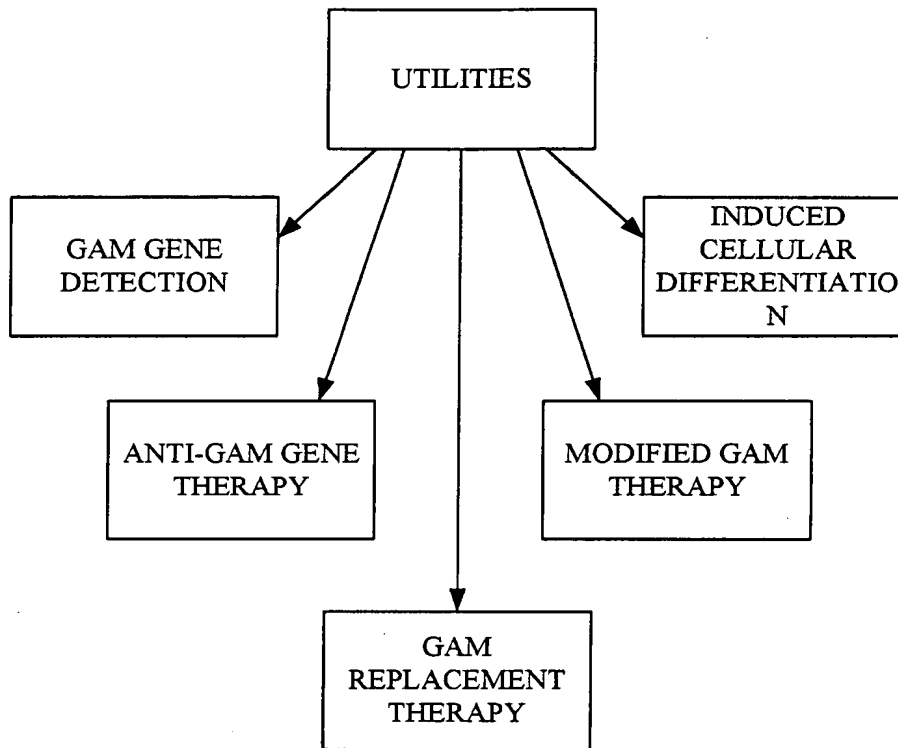


FIG. 20A

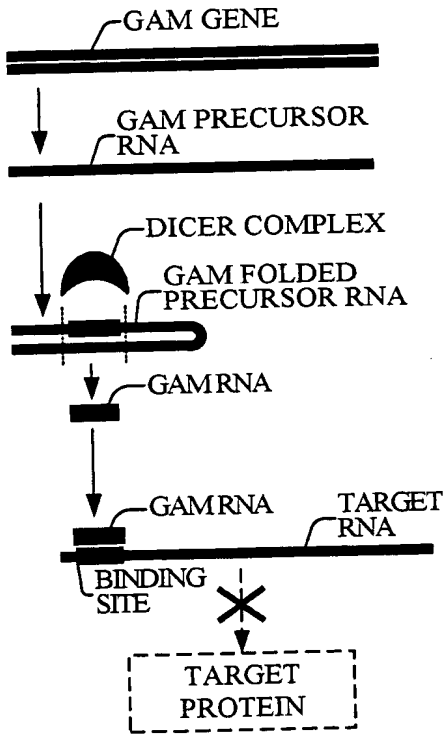
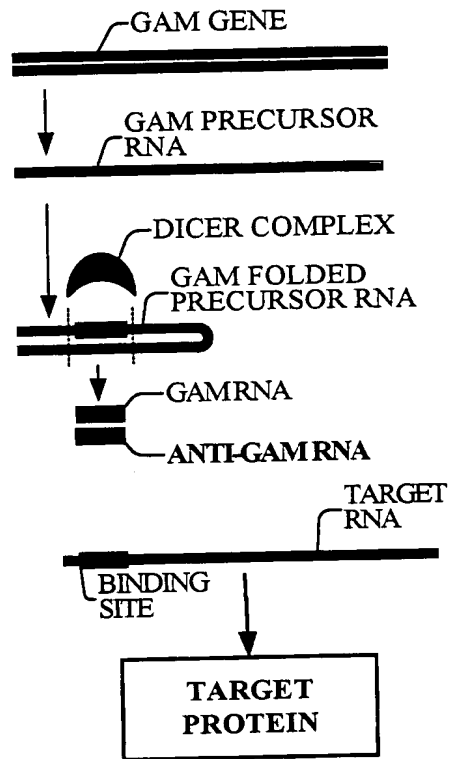


FIG. 20B



EST72223 sequence:

FIG. 21A

CCCTTATTAGAGGATTCTGCTCATGCCAGGGT**GAGGTAGTAAGTTGTATTG**
TTGTGGGGTAGGGATATTAGGCCCAATTAGAAGATAACTATACAAC MIR98
TACTACTTTCCCTGGTGTGTGGCATATTCACACTTAGTCTTAGCAGTGTTGCC
TCCATCAGACAAAGTTGTAGATGTTCTTGGATAATTTGGACTGGAAGAAAAGA
GACATGGAAGGGGACAGATGGTGTGTTAGGGTGAGGCAGATGTCATTATAAAGT
GACTTGTCTTTTCATTAATTGGAGCATATAATTATTTTACCTTTGGGCATGAAC
ATTTTGCTATTCTTCAACTGTGTAATGATTGCATTTTATTAGTAATAGAACAGGA
ATGTGTGCAAGGGAATGGAAAGCATACTTTAAGAATTTGGGCCAGGCGCGGT
GGTTCATGCCTGTAATCCCAGCATTTTGGGAGGCCGAGGCGGGTGGATCAC
CTGAGGTCAGGAGTTCGAGACCAACCTGGCCAACACGGCGAAACCCCGCCTC
TACTCAAATACAAAAATTAGCCAGGCTTGGTGACACTCGCCTGTGGTCCCAGC
TACTCAGGAGGCT**GAGGCAGGAGAAATTGCTTGAACCCAGGAAGTGGAG** GAM2
GCTTCAGTGAGCTGAGAACACGCCACTGCACTCCAGTCCTGGGCAAC
AGAGCAAGACTCTGTCTCAGGAAAAAAAAG

FIG. 21B

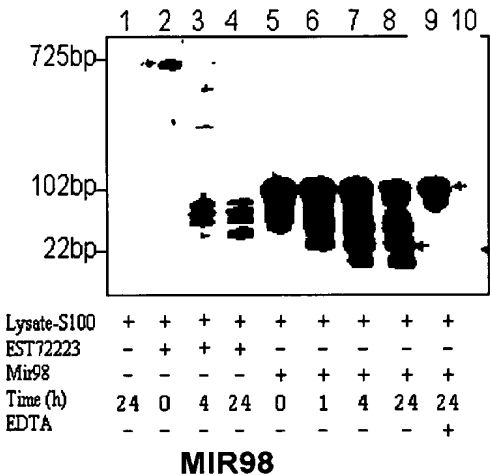


FIG. 21C

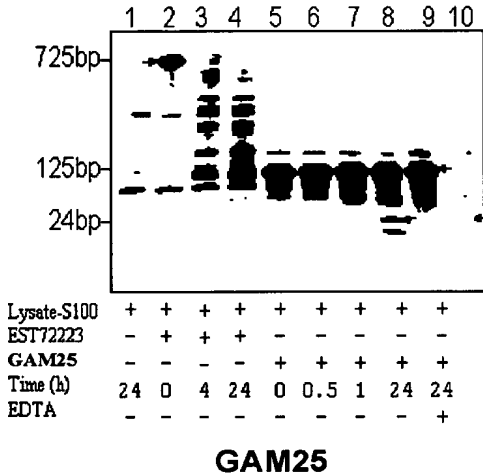


FIG. 21D

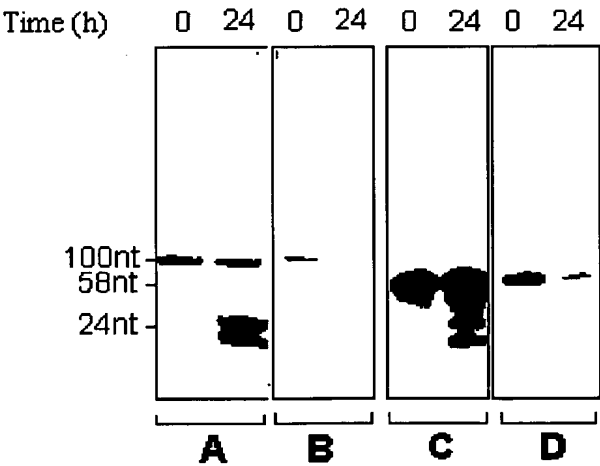


FIG. 22A

dbEST Id. 7929020 (Image4514344) sequence:

GCAAAAACCTGGAAGCATTCCCTTTGAAAACCTGGCACAAGACAGGGATGCCCTCTCTCAC
 CGCTCCTATTCAACATAGTGTGGAAAGTTCTGGCCAGGGCAATTAGGCAGGAGAAGGAA
 ATAAAGGGTATTCAATTAGGAAAAGAGCAAGTCAAATTGTTCCCTGTTTGCAGATGACAT
 GATTGTATATCTAGAAAACCCCATTTGTCTCAGCCCCAAATCTCCTTAAGCTGATAAGCA
 ACTTCAGCAAAGTCTCAGGATACAAAATAAATGTACAAAATCACAAGCATTCTTACAC
 ACCAACAACAGAAAAACAGAGCCAAATCATGAGTGAACCTCCATTACAATTGCTTCAA
 AGAGAATAAAATACCTAGGAATCCAACCTACAAGGGATGTGAAGGACCTCTTCAAGGAG
 AACTACAAACCACTGCTCAAGGAAATAAAAGAGGATACAAACAAATGGAAGAACATTCC
 ATGCTCATGGGTAGGAAGAATCAATATTGTGAAAATGGCCATACTGCCCAAGGTAATTT
 ACAGATTCAATGCCATCCCCATCAAGCTACCAATGACTTTCTTCACAGAATTGGAAAAA
 ACTACTTTAAAGTTCATATGGAACCAAAAAAGAGCCCGCATCGCCAAGTCAATCCTAAG
CCAAAAGAACAAGCTGGAGGCATCACACTACCTGACTTCAAACCTTTACTACAAGGCTAGAM
 CAGTAACCAAAACAGCATGGTACTGGTACCAAAACAGAGATATAGATCAATGGAACAGA 24
 ACAGAGCCCTCAGAAATAACGCCGAATACCTACAACCTATCTGATCTTTGACAAACCTGA
 GAAAAACAAGCAATGGGGAAAGGATTCCCTATTTAATAAATGGTGCTGGGAAAACCTGAC
 TAGCCATATGTAGAAAGCTGAAACTGGATCCCTTCTTACACCTTATACAAAAATCAAT
 TCAAGATGGATTAAAGATTTAAACGTTAGACCTAAAACCATAAAAACCCTAGAGAAAAA
 CCTAGGCATTACCATTACAGGACATAGGCATGGGCAAGGACTTCATGTCCAAAACACCAA
 AAGCAATGGCAACAAAAGACAAAATTGACAAATGGGATCTAATTAACTAAAGAGCTTC
 TGCACAGCAAAAGAAACTACCATCAGAGTGAACAGGCAACCTACAAAATGGGAGAAAATGAM
TTTCGCAACCTACTCATCTGACAAAGGGCTAATATCCAGAATCTACAATGAACTCAAAC 26
 AAATTTACAAAAA

FIG. 22B

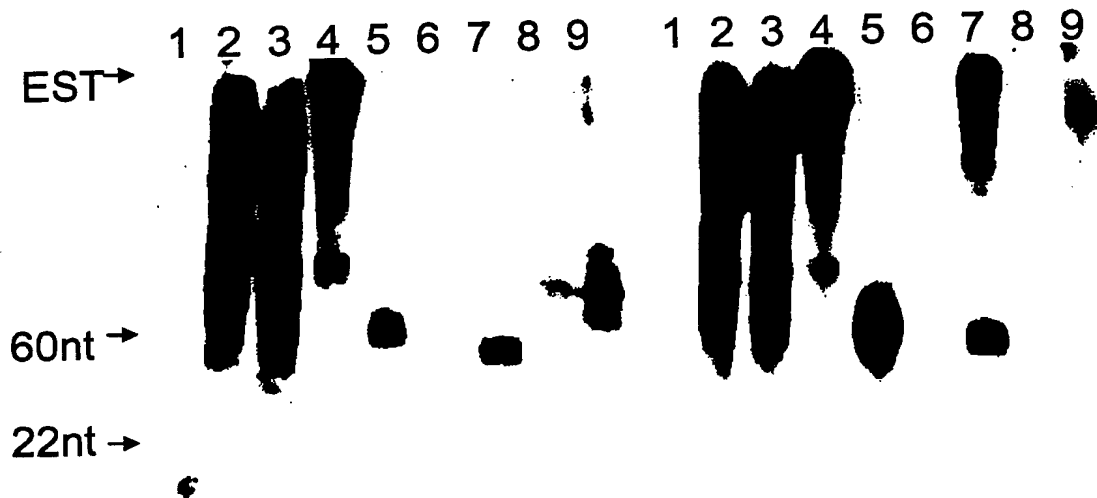
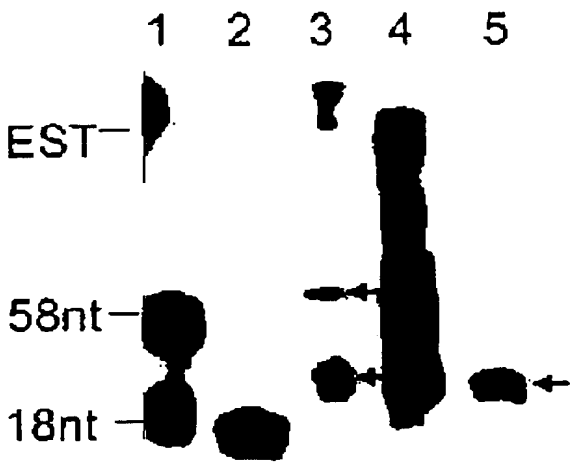


FIG. 22C



GAM26

FIG. 23A

dbEST Id.1388749 (Image1020185) Sequence:

ACTCCTATCAACAGTGTAAGCATTCCCTGTTTCTCCATAATCTTGCCAGCATCTTTT
 CATTTTTTTTGAATTATAGCCATTCTGACTGTTGTGAGATGGTGTCTCATTGTGGTTTT
 GATTTGCATTTCTCAGATGATCAGTGATGTTGAAGTTTTTTTTGTTTGGCTGCATG
 TATGCCCTCTTTTGAAGAGTGTCTGTTTGTGTCCTTTGACCACTTTCTAATGGGGTTG
 AGTTTTTTTTTCTTGTAATTTGTTTAAAGTTCCCTGTAGATGCTGGATATTAGACCTT
 TGTCAGATGGATAGAGTGCAAAAATTTCTCCCATCTGTAGGTTGTCGGTTTTACTCT
 GTTGATAGGTTCTTAATGCTGTGCAGAAGCTCTTTAGTTTAAATTAGATCCCATTTGTC
 AATTTTGGCTTTTGTGCAATTGCTTTTGGCATCTTCGTCATGAAATCTTTGCCCTTG
 CCTGTGTCCTGAATGGCATTGCCTAGGTTTTCTCCAGGATTTTTATAGTTTTGGGT
 GTAGATTTAAGTCTTTAATCCATCTTGAGTTAACTTTTGTATATGGGTAAAGGAAGGG
 GCCCGTTTCAATTTGCTGCAATGGCTAGCCAGTTCTCCCAGCACCATTTATTAAATA
 GGAATCTTTTCCCATTTGCTTCTTTTGTGAGGTTTGTCAAAGATCACATGGTTGTA
 GGTGTGTGGTCTTATTTCTGGGTCTCTATTCTGTTCCATTGGGCTATGGGCCGGTTC
 TGTACCACCACTATGCTGTTTTGGGTACCATAGTCTTGTAGAATGTTTGAAGCTGGGT
 AGCATGATGCCTCTAGCTTTGCTCTTCTTGCTAAGAAATGTCTTGGCTATTTGGGCTC
 TTTTTTGGTTCCATATGAATTTTAAATAGCTTTTTCTAGGTCTGTAAAGAATGTGAA
 TAGTAGTTTAAATGGGCCTAGCATTTAATTTACAGATTGCCTTGGGCAGTGTGGTCATT
 TTCACGATATTGATCCTTCCCTGTCTGTGAGCATATGTTTTTCCATTGTTTGTGTCAT
CTCTGATTTCTTTGAATAATGGTTTATAGTTATCCTTGAAAAGGTCCTTCACTTTTCT
TGTTAGCTGTATTCCTAGATATTATACTCTTCTTGTGGCAATTGTGAATGGGAGTTAA
 TTCATGAGTTTTCTCTCGGCTTGCCTGTTGTTGGTGTATAGGAATGCTAGTGACTTTT
 GCACATTGATTTGTATCCTGAGACTTTGTTGAAGTTGCTTATCAGCTAAGAAGTTTT
 TGAGCTGAGATGATGGAGTTTTCTAGATATAGGATCATATCATCTGCAAACAAAGATA
 GTTTGACTTCCTGTCTTCCCTATTTGAATAGCTTTTCTTTCTTCTTGCCTGATTGC
 CTTGGTGAGAATTTCTAATACTGTGTTGAATAGGAGTGGTGAGCTCGTGCCAA

GAM
27

FIG. 23B

1 2 3 4 5 6 7



←EST

←130nt

←22nt

GAM27

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